

IN THE CLAIMS:

Please cancel Claims 1 to 21 and 36 to 38, without prejudice or disclaimer of subject matter.

1. to 21. (Cancelled)

22. (Original) A power converting apparatus for converting electric power comprising:

a booster circuit, arranged to boost voltage of direct current power inputted from a direct current power supply;

an inverter circuit, arranged to convert the direct current power, which is inputted from said booster circuit, to alternating current power;

an output port, arranged to output the alternating power supplied from said inverter circuit; and

a controller, arranged to control operation of said booster and inverter circuits based on a type of plug unit connected to said output port.

23. (Original) The apparatus according to Claim 22, wherein said controller controls said booster and inverter circuits so that said apparatus outputs a voltage corresponding to the type of plug unit which is connected to said output port by a user.

24. (Original) The apparatus according to Claim 23, wherein the plug unit has electrodes and at least one of projection which operates a switch arranged to said output ports.

25. (Original) The apparatus according to Claim 24, wherein said controller controls said booster and inverter circuits in accordance with the operation of the switch.

26. (Original) A power converting apparatus for converting electric power comprising:

a booster circuit, arranged to boost voltage of direct current power inputted from a direct current power supply;

an inverter circuit, arranged to convert the direct current power, which is inputted from said booster circuit, to alternating current power;

a first output port, arranged to output the alternating power supplied from said inverter circuit through a first switch;

a second output port, arranged to output the alternating power supplied from said inverter circuit through second switch; and

a controller, arranged to control operation of said booster and inverter circuits,

wherein said controller makes the first switch and breaks the second switch when said apparatus is operated and connected to an electric power system, and breaks the

first switch and makes the second switch when said apparatus is operated and no connected to the electric power system, and

said controller controls the operation of said booster and inverter circuits based on a connection state of said first or second output port.

27. (Original) The apparatus according to Claim 26, wherein, if said apparatus is connected to the electric power system and a plug unit is connected to said second output port, said controller disconnects said apparatus from the electric power system.

28. (Original) The apparatus according to Claim 26, wherein said controller controls the operation of said booster and inverter circuits so that said apparatus outputs a voltage corresponding to a plug unit which is connected to said first or second output port by a user.

29. (Original) The apparatus according to Claim 28, wherein the plug unit has electrodes and at least one of projection which operates a third switch arranged to said first output port or a fourth switch arranged to said second output port.

30. (Original) The apparatus according to Claim 29, wherein said controller controls the operation of said booster and inverter circuits in accordance with states of the third and fourth switches.

31. (Original) The apparatus according to Claim 26, further comprising a fifth switch, a charge/discharge controller and a storage battery between the direct current power supply and said booster circuit.

32. (Original) A power generating apparatus for generating electric power, comprising a solar battery and the power converting apparatus according to Claim 22.

33. (Original) A power generating system comprising a plurality of the power generating apparatuses according to Claim 32.

34. (Original) A power generating apparatus for generating electric power, comprising a solar battery and the power converting apparatus according to Claim 26.

35. (Original) A power generating system comprising a plurality of the power generating apparatuses according to Claim 34.

36. to 38. (Cancelled)

39. (Original) A controlling method of a power converting apparatus for converting electric power having a booster circuit arranged to boost voltage of direct current power inputted from a direct current power supply, an inverter circuit arranged to the direct current power, which is inputted from the booster circuit, to alternating current power and an output port arranged to output the alternating power supplied from the inverter circuit, comprising the step of controlling operation of the booster and inverter circuits based on a type of plug unit connected to the output port.

40. (Original) A controlling method of a power converting apparatus for converting electric power having a booster circuit arranged to boost voltage of direct current power inputted from a direct current power supply, an inverter circuit arranged to the direct current power, which is inputted from the booster circuit, to alternating current power, a first output port arranged to output the alternating power supplied from the inverter circuit through a second switch, comprising the steps of:

discriminating an operation state of the power converting apparatus and a connection state between the first or second output port and an electric power system;

making and/or breaking the first and second switches in accordance with the discriminated operation and connection states; and

controlling operating of the booster and inverter circuits in accordance with the discriminated operation and connection states.